Index of Claims



Application/Control No.

09/588,030

Ankeeta Shah

Examiner

Applicant(s)/Patent under Reexamination

CROOKSHANKS, REX J.

3628

√ Rejected –

- (Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Claim    |  | Date        |          |  |  |              |              |          |          |                 |
|----------|--|-------------|----------|--|--|--------------|--------------|----------|----------|-----------------|
|          |  | $\vdash$    |          |  | Г,   | <u> </u>     | $\bar{\Box}$ |          |          | Н               |
| Final    | Original   | 12/17/04    |          |  |  |              |              |          |          |                 |
|          | 1  | 1           |          |  | Г  |              |              |          |          |                 |
|          | 2  | 1           |          |  |  |              |              |          |          |                 |
|          | 3  | 7           |          |  |  |              |              |          |          |                 |
|          | 1<br>2<br>3<br>4<br>5  | 1           |          |  | L.   |              |              |          |          | Щ               |
|          | _5_  | Į,          |          |  | L_   | _            | _            | _        |          |                 |
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|          |  | 1           |          | <u> </u>   | $\vdash$   | H            | H            | <u> </u> |          | Н               |
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| $\vdash$ | 10   |             | Н        | -  | -  | H            | $\vdash$     | $\vdash$ | $\vdash$ | Н               |
|          | 11   | 7 7 7       | Н        | ┢  |  |              | _            | $\vdash$ | $\vdash$ | Н               |
|          | 12   |             | Г        | Г  | Г  |              |              |          |          | Н               |
|          | 6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | 1           |          |  |  |              |              |          |          |                 |
|          | 14   | 1           |          |  |  |              |              |          |          |                 |
|          | 15   |             |          |  |  |              |              |          |          |                 |
|          | 16   | 1           | L        | _  | L  | L_           |              | _        |          | Ш               |
|          | 17   | Į,          | L        |  | <u> </u>   | _            | <u> </u>     | <u> </u> | _        | Щ               |
|          | 18   | Ţ           |          | ļ  | <u> </u>   | <b></b>      | ļ            | _        | <u> </u> | Ш               |
|          | 19   | 1           | H        | ┝  | ⊢  | <u> </u>     | <u> </u>     | ļ        |          | Н               |
|          | 21   | ľ           | -        | ┝  | ⊢  | ┝            | $\vdash$     |          | -        | $\vdash$        |
|          | 22   | $\vdash$    | $\vdash$ | ⊢  | ⊢  | $\vdash$     | $\vdash$     | ├        | $\vdash$ | $\vdash\vdash$  |
|          | 22<br>23<br>24<br>25<br>26<br>27<br>28   |             | -        | -  | ┢  | ┢            | _            | $\vdash$ | -        | H               |
| $\vdash$ | 24   |             | <u> </u> | <del>                                     </del> | -  | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | Н               |
|          | 25   | Т           | Г        | _  | <del>                                     </del> | Г            |              | $\vdash$ |          | П               |
|          | 26   |             |          | Г  |  |              |              |          |          |                 |
|          | 27   |             |          |  |  |              |              |          |          |                 |
| L        | 28   |             |          | _  |  |              |              |          |          |                 |
| <u></u>  | 29   | <u> </u>    |          | _  | _  |              |              | _        |          |                 |
|          | 30   | <u> </u>    | <u> </u> | <u> </u>   | L  |              | _            | <u> </u> | <u> </u> | $\square$       |
|          | 31   | <u> </u>    | _        | <u> </u>   | ├-   | <u> </u>     | _            | <u> </u> |          | Н               |
|          | 30<br>31<br>32<br>33   | -           | -        | $\vdash$   | ⊢  | $\vdash$     | -            | $\vdash$ | -        | $\vdash \vdash$ |
| }        | 34   | $\vdash$    | Н        | _  | ├  | $\vdash$     | -            | $\vdash$ | $\vdash$ | $\vdash \vdash$ |
|          | 35   | $\vdash$    | $\vdash$ | $\vdash$   | H  | Н            | <del> </del> | $\vdash$ | $\vdash$ | Н               |
|          | 35<br>36   | Г           | Г        | Г  | Г  | П            |              | Г        | Г        | М               |
|          | 37   |             |          |  |  |              |              |          |          |                 |
|          | 38   |             |          |  |  |              |              |          |          |                 |
|          | 39   |             |          |  |  | $oxed{\Box}$ |              |          |          | Ш               |
|          | 40   | <u> </u>    | _        | _  | $\vdash$   | $\vdash$     | <u> </u>     | _        | L        | Щ               |
|          | 41   | ļ           | <u> </u> | -  | $\vdash$   | $\vdash$     |              | <u> </u> | <u> </u> | Щ               |
| -        | 42<br>43   | -           | -        | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     |          | H        | $\vdash\dashv$  |
|          | 43   | $\vdash$    | $\vdash$ | -  | -  | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | Н               |
|          | 45   | -           | $\vdash$ | H  | $\vdash$   | $\vdash$     |              | ⊢        | $\vdash$ | ${\mathbb H}$   |
| Н        | 46   | $\vdash$    | $\vdash$ | Н  | H  | H            | H            | H        | H        | $\vdash$        |
| $\vdash$ | 47   | $\vdash$    | Н        | ┢  | $\vdash$   | $\vdash$     | $\vdash$     | Т        | Т        | Н               |
|          | 48   |             | П        | Г  | Г  | H            | Г            | П        | Т        | М               |
|          | 49   |             |          |  |  |              |              |          |          |                 |
|          | 50   |             |          |  |  |              |              |          |          |                 |

| Cla      | Claim          |          |          | Date     |              |              |          |                                     |                 |          |  |  |  |
|----------|----------------|----------|----------|----------|--------------|--------------|----------|-------------------------------------|-----------------|----------|--|--|--|
|          |                |          |          |          | Г            |              |          | Π                                   |                 |          |  |  |  |
| ا ــ     | Original       |          |          |          |              |              |          |                                     |                 |          |  |  |  |
| Final    | ig i           |          |          |          |              |              |          |                                     |                 |          |  |  |  |
| u.       | ក្ត            |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          |                |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 51<br>52<br>53 |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 52             |          | Г        | $\vdash$ | _            |              |          |                                     | $\overline{}$   | _        |  |  |  |
| -        | 52             | $\vdash$ | $\vdash$ | _        |              |              | _        |                                     | -               | ┝        |  |  |  |
| -        | 53             |          | $\vdash$ | $\vdash$ | _            |              |          | -                                   | -               | -        |  |  |  |
|          | 54             | ш        |          | $\perp$  |              |              | _        |                                     |                 |          |  |  |  |
|          | 55             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 56             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 57             |          |          |          |              |              |          |                                     |                 | $\Box$   |  |  |  |
|          | 58             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 59             | _        | _        | _        | Н            | _            |          | Н                                   | $\vdash$        | Н        |  |  |  |
| -        | 60             | $\vdash$ | -        | -        | -            |              | $\vdash$ | ┝                                   | $\vdash$        | $\vdash$ |  |  |  |
| <u> </u> | 00             | _        |          |          |              | _            | $\vdash$ | ┝                                   | -               | _        |  |  |  |
| <u> </u> | 61             |          | Щ        | L        |              |              |          |                                     |                 |          |  |  |  |
|          | 62             |          | Ш        | L        | Ш            |              |          |                                     |                 |          |  |  |  |
|          | 62<br>63       | L        |          | L        | L            |              | L        | L                                   |                 |          |  |  |  |
|          | 64             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 65             |          |          | _        | Т            |              |          |                                     | П               |          |  |  |  |
|          | 66             | -        | -        | $\vdash$ | $\vdash$     | $\vdash$     | Н        | $\vdash$                            | $\vdash$        | $\vdash$ |  |  |  |
|          | 67             | $\vdash$ | $\vdash$ | _        | $\vdash$     | $\vdash$     | Н        | _                                   | $\vdash$        | $\vdash$ |  |  |  |
|          | 67             |          | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | Щ        | <u> </u>                            | _               | _        |  |  |  |
| <u> </u> | 68             |          |          |          | _            | L            |          | ᆫ                                   |                 | _        |  |  |  |
|          | 69             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 70             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 71             |          | -        |          |              |              |          |                                     |                 |          |  |  |  |
|          | 72             |          |          |          | _            | Г            | Т        | $\overline{}$                       |                 | _        |  |  |  |
| -        | 73             | $\vdash$ | -        | Н        | Н            | $\vdash$     | $\vdash$ |                                     | Н               | $\vdash$ |  |  |  |
|          | 73<br>74       | $\vdash$ | -        | $\vdash$ | $\vdash$     | $\vdash$     |          |                                     | Н               | $\vdash$ |  |  |  |
| <u> </u> | 74             | <u> </u> | H        | <u> </u> | _            | <u> </u>     |          |                                     | H               | ┝        |  |  |  |
| <u> </u> | 75             |          |          |          |              | <u> </u>     |          |                                     |                 | <u> </u> |  |  |  |
| <u> </u> | 76<br>77       | _        |          |          |              | L            | L        |                                     |                 |          |  |  |  |
|          | 77             |          |          |          |              | <u> </u>     |          |                                     |                 |          |  |  |  |
|          | 78             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 79             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 80             |          | Т        | $\vdash$ |              |              | $\vdash$ | _                                   | $\vdash$        | $\vdash$ |  |  |  |
| -        | 81             | -        | -        | $\vdash$ | -            | -            |          | _                                   | $\vdash$        | $\vdash$ |  |  |  |
| $\vdash$ | 00             |          | _        |          | H            | ⊢            |          |                                     | $\vdash$        | _        |  |  |  |
| <u> </u> | 82             | _        |          |          |              | _            | $\vdash$ | <u></u>                             | <u> </u>        | _        |  |  |  |
| L        | 83             |          | Ц        |          |              | L            | Ш        |                                     | $ldsymbol{eta}$ | L        |  |  |  |
|          | 84             | L        |          |          | L            | L            | L        | L                                   |                 | L        |  |  |  |
|          | 85             | LĪ       | LĪ       | LĪ       | L            | L            |          |                                     |                 | L        |  |  |  |
|          | 86             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 87             | Н        | Т        | $\vdash$ |              |              |          |                                     |                 |          |  |  |  |
|          | 88             | ┝        | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$                            | $\vdash$        | -        |  |  |  |
| $\vdash$ | 90             | $\vdash$ | $\vdash$ | Н        | Н            | $\vdash$     | $\vdash$ | $\vdash$                            | $\vdash$        | ├        |  |  |  |
|          | 89             | H        | $\vdash$ | <u> </u> | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$                            | H               | <u> </u> |  |  |  |
| <u> </u> | 90             | _        | _        | <u> </u> | L.,          | $oxed{oxed}$ | Щ        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_              | L_       |  |  |  |
|          | 91             |          |          | 乚        | <u></u>      | L            |          | L                                   |                 |          |  |  |  |
|          | 92             |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          | 93             |          |          |          |              |              |          | Γ                                   |                 |          |  |  |  |
|          | 94             | $\Box$   | Г        | $\vdash$ | $\vdash$     | Г            | М        | Т                                   | $\vdash$        | $\vdash$ |  |  |  |
|          | 95             | -        | -        | $\vdash$ | <del> </del> | Н            | $\vdash$ | $\vdash$                            | $\vdash$        | ⊢        |  |  |  |
| $\vdash$ |                | $\vdash$ | -        | -        | ⊢            | ⊢            | $\vdash$ | ⊢                                   | $\vdash$        | $\vdash$ |  |  |  |
|          | 96             | <u> </u> | _        | $\vdash$ | Ι            | ⊢            | <b> </b> | <u> </u>                            | <b>-</b>        | $\vdash$ |  |  |  |
| <u> </u> | 97             |          | <u>_</u> | L.       | L_           | L_           | <u> </u> | <u> </u>                            | L_              | <u> </u> |  |  |  |
|          | 98             |          |          | L        | Ц.           | Щ            | Ш        | L                                   | Ш               | L        |  |  |  |
| L        | 99             |          |          | L Ì      |              | LĨ           | LĪ       |                                     | L               | L        |  |  |  |
|          | 100            |          |          |          |              |              |          |                                     |                 |          |  |  |  |
|          |                |          |          | _        | _            | _            |          |                                     | _               |          |  |  |  |

| Cla       | Date       |          |          |          |                                     |          |                |          |              |          |
|-----------|------------|----------|----------|----------|-------------------------------------|----------|----------------|----------|--------------|----------|
|           |            |          |          |          |                                     |          |                |          |              |          |
| Final     | Original   |          |          |          |                                     |          |                |          |              |          |
| 证         | Orić       |          |          |          |                                     |          |                |          |              |          |
|           |            |          |          |          | _                                   | L.       |                |          |              | Щ        |
|           | 101<br>102 | _        |          |          | _                                   |          |                | _        |              |          |
|           | 102        | _        | _        |          |                                     |          |                | _        |              |          |
|           | 103        | _        | _        | _        | -                                   | H        |                | _        | -            |          |
|           | 104<br>105 |          | ├─       | -        | $\vdash$                            | Н        | H              |          | H            | -        |
|           | 106        |          | ┝        |          | $\vdash$                            | ┝        | _              |          | ┝            | -        |
|           | 107        |          | Н        |          |                                     | -        | ┢              | H        | $\vdash$     | H        |
|           | 108        |          | -        | Н        |                                     |          | $\vdash$       | $\vdash$ | <del> </del> | H        |
|           | 109        |          | _        |          |                                     |          |                |          |              | Н        |
|           | 110        |          | Г        | Г        |                                     |          |                |          |              | П        |
|           | 111        |          |          |          |                                     |          |                |          |              |          |
|           | 112<br>113 |          |          |          |                                     |          |                |          |              |          |
|           | 113        |          |          |          |                                     |          |                |          |              | Ш        |
|           | 114<br>115 | L.,      | _        | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ь_       | <u> </u>       | _        | $oxed{oxed}$ | Ш        |
|           | 115        |          | L        | L        |                                     | <u> </u> | _              | _        | _            | Ц        |
|           | 116        | <u> </u> | $\vdash$ | $\vdash$ | <u> </u>                            | ├-       | <u> </u>       | <u> </u> | <u> </u>     | Ц        |
|           | 117<br>118 | 1        | $\vdash$ | <u> </u> | <u> </u>                            | ├        | <u> </u>       | $\vdash$ | <u> </u>     | Н        |
|           | 118        | <u> </u> | -        |          | <u> </u>                            | ├-       |                | _        | <u> </u>     | Н        |
|           | 119        | -        | _        | _        | -                                   | ├        | <u> </u>       |          | -            | Н        |
|           | 120<br>121 | ⊢        | $\vdash$ | $\vdash$ | $\vdash$                            | ┝        | _              | -        | ⊢            | Н        |
| -         | 122        | $\vdash$ |          |          |                                     | ┢        |                | -        | ┢            | Н        |
| _         | 123        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$                            | ┢╌       |                | _        | ┝一           | Н        |
|           | 123<br>124 | Н        |          |          | H                                   |          |                | $\vdash$ | $\vdash$     | H        |
|           | 125        |          |          |          |                                     |          | -              |          | _            | Н        |
|           | 125<br>126 |          |          | Г        |                                     |          |                |          |              | П        |
|           | 127        |          |          |          |                                     |          |                |          |              |          |
|           | 128<br>129 |          |          |          |                                     |          |                |          |              |          |
|           | 129        |          |          |          |                                     | L        |                |          |              |          |
|           | 130        |          | _        |          | <u> </u>                            |          | <u>.</u>       | L        | L_           | Ш        |
|           | 131<br>132 | <u> </u> | <u> </u> |          |                                     | <u> </u> | _              |          |              | Ш        |
|           | 132        | _        | _        |          | _                                   |          | _              |          | <u> </u>     | Ц        |
|           | 133        | _        | _        |          | _                                   | _        |                | L        | _            | Н        |
|           | 134<br>135 | <u> </u> | $\vdash$ | ⊢        | <u> </u>                            | ├        | ├              | $\vdash$ | <u> </u>     | $\vdash$ |
|           | 136        | -        | $\vdash$ | H        | $\vdash$                            | $\vdash$ | <del>  -</del> | $\vdash$ | $\vdash$     | Н        |
|           | 137        | -        | $\vdash$ | H        | H                                   | $\vdash$ | <del> </del>   | ⊢        | $\vdash$     | Н        |
|           | 138        | $\vdash$ |          | $\vdash$ | -                                   | $\vdash$ | $\vdash$       | $\vdash$ | $\vdash$     | $\vdash$ |
|           | 139        |          | Н        | Н        | Н                                   | $\vdash$ | $\vdash$       | $\vdash$ | Н            | H        |
|           | 140        | Г        | l —      | Т        | Т                                   | T        |                | Т        |              | П        |
|           | 141        | П        | Г        | П        |                                     | Г        | Г              |          | Г            | П        |
|           | 142        |          |          |          |                                     |          |                |          |              |          |
|           | 143        |          |          |          |                                     |          |                |          |              |          |
|           | 144        |          |          |          |                                     |          |                |          |              |          |
|           | 145        |          | 匚        |          |                                     |          |                |          |              |          |
|           | 146        | L        | L        | L        |                                     | <u> </u> |                |          |              |          |
|           | 147        | L_       |          | <u> </u> | L                                   | L.       | L.             | L        | L            | Ш        |
|           | 148        | L.       | L_       | L.       | <u> </u>                            | <u> </u> | L              | L.       | <u>L</u>     | Ш        |
| <b></b> - | 149        | <u> </u> | <u> </u> | L.       | <u> </u>                            | <u> </u> | <u> </u>       | _        | <u> </u>     | Ш        |
|           | 150        |          |          | L_       | L.                                  | <u> </u> | L              |          | L            | Ш        |